

Highly sustainable exterior floodlight

Acorn has been engineered to redefine the benchmarks of sustainability. Crafted with a commitment to environmental responsibility, each component has been carefully selected to ensure minimal ecological impact throughout its lifecycle.

The IP66 housing is manufactured from European oak, 100% post-industrial recycled polycarbonate gear enclosure and 90% recycled aluminium gear tray and mounting bracket. Highly efficient driver and PMMA lenses ensure low running costs and low operational carbon.

Acorn has achieved an industry-leading TM66 score of 3.1 which has been verified as the highest published score of any luminaire under the LIA/CIBSE certification scheme TSD-012 to date.

Acorn is also Darksky approved due to its zero upward light and 2700 K colour temperature. In combination with the SmartScan External control system the impact on its immediate environment once installed can also be kept to the absolute minimum.

Applications: car parks, amenity areas, hospital estates, general roadway

- Programme for the Endorsement of Forest Certification (PEFC) certified European oak body
- Industry leading TM66 score of 3.1 - LIA/CIBSE certification scheme TSD-012 verified
- DarkSky approved (2700 K versions at 0° tilt only)
- Integral high-efficiency driver
- Extremely efficient and long system life up to 100,000 hours
- Wide range of mounting options
- Photocell option
- SmartScan wireless technology removes the need for control cabling. Ideal for retrofit

Notes: Other colour temperatures available to special order



Up to IP66

IK07

Up to 182.8 LL/CW

SMARTSCAN

TM66 circularity score 3.1

Lighting management

Lighting control system	Non-dimming Photocell (non-dimming) SmartScan External
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Specification

Mounting	Column	IP rating	Up to IP66
Impact rating	IK07	Max presence detection height	8 m

Sustainability

TM66 circularity score 3.1

Lighting

Lumen output 1,740 lm - 10,965 lm Efficacy Up to 182.8 LL/CW

Power

LED power 9 W - 55 W Circuit power 11 W - 60 W

LED characteristics

CRI 70+ Colour temperature 2700 K
4000 K
Rated life (hours) 100 K - L90/B10

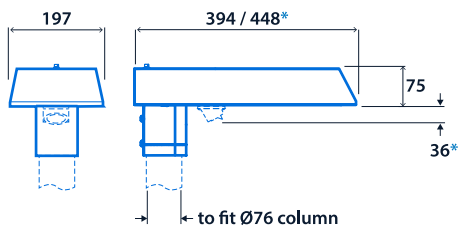
Compliance

UKCA Yes CE Yes
SmartScan wireless standards compliance Europe: EN 300 220-1 V2.4.1/ EN 301 489-3 V1.6.1. Australasia: ACMA 2014 Radio Communication Standard 2014. Thorlux Patented Wireless Technology - GB2575724

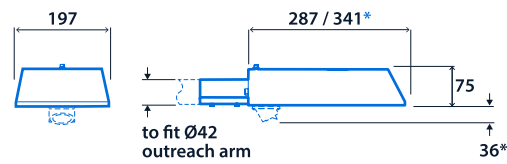
Dimensions

9W / 27W versions

Vertical pole top

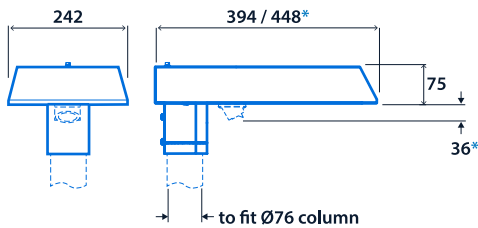


Horizontal outreach arm

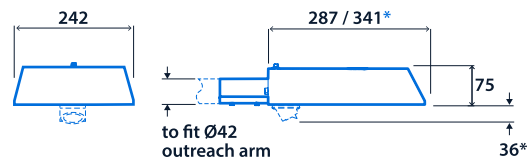


55W versions

Vertical pole top



Horizontal outreach arm



*SmartScan External version only

Mounting Accessories

Product code	Description	Weight
AC20630	Single outreach arm - To fit on to 76 mm dia.	-
AC20631	Single outreach arm - To fit on to 89 mm dia.	-
AC20632	Single outreach arm - To fit on to 101 mm dia.	-
AC20633	Single outreach arm - To fit on to 114 mm dia.	-
AC20635	Twin outreach arm 180° - To fit on to 76 mm dia.	-
AC20636	Twin outreach arm 180° - To fit on to 89 mm dia.	-
AC20637	Twin outreach arm 180° - To fit on to 101 mm dia.	-
AC20638	Twin outreach arm 180° - To fit on to 114 mm dia.	-
AC20640	Twin outreach arm 90° - To fit on to 76 mm dia.	-
AC20641	Twin outreach arm 90° - To fit on to 89 mm dia.	-
AC20642	Twin outreach arm 90° - To fit on to 101 mm dia.	-
AC20643	Twin outreach arm 90° - To fit on to 114 mm dia.	-
AC20644	Wall mounting bracket	-
POT89-76	Column adaptor - 89-76 mm - To fit on to 89 mm dia.	-
POT101-76	Column adaptor - 101-76 mm - To fit on to 101 mm dia.	-
POT114-76	Column adaptor - 114-76 mm - To fit on to 114 mm dia.	-

Columns

Product code	Description	Weight
FC4	4 m - Standard duty column - 76 mm shaft diameter	33 kg
FC5	5 m - Standard duty column - 76 mm shaft diameter	40 kg
FC6	6 m - Standard duty column - 76 mm shaft diameter	44 kg
FC8	8 m - Medium duty column - 114 mm shaft diameter reduced at top to 101 mm	100 kg
FC10	10 m - Medium duty column - 114 mm shaft diameter reduced at top to 101 mm	142 kg
FC12/101	12 m - Medium duty column - 140 mm shaft diameter reduced at top to 101 mm	226 kg

Accessories

Product code	Description	Weight
AC20646	Acorn front or rear baffle - 9 W and 27 W versions	-
AC20647	Acorn front or rear baffle - 55 W versions	-
AC20648	Acorn side baffle - SmartScan versions	-
AC20649	Acorn side baffle - Non-SmartScan versions	-



View the
range

